

PTO/SB/21 (08-04)

Approved for use through 07/31/2008. OMB 0651-0031
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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/615,133
Filing Date	07/08/2003
First Named Inventor	O'NEILL, Mary
Art Unit	3841
Examiner Name	CHAMBERS, Troy
Attorney Docket Number	02W234

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavita/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Duplicate fee transmittal PTO/SB/17
<input type="checkbox"/> Remarks Responsive to Office action dated 08/17/2004		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	Raytheon Company	
Signature		
Printed name	William C. Schubert	
Date	2004-10-14	Reg. No. 30,102

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature

Typed or printed name

William C. Schubert

Date

2004-10-14

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PTO/SB/17 (10-04v2)

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FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 110.00)

Complete if Known

Application Number	10/615,133
Filing Date	07/08/2003
First Named Inventor	O'NEILL, Mary
Examiner Name	CHAMBERS, Troy
Art Unit	3641
Attorney Docket No.	02W234

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

50-0616

RAYTHEON COMPANY

The Director is authorized to: (check all that apply)

-
- Charge fee(s) indicated below
-
- Credit any overpayments
-
-
- Charge any additional fee(s) or any underpayment of fee(s)
-
-
- Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity

Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 790	2001 395	Utility filing fee	
1002 350	2002 175	Design filing fee	
1003 550	2003 275	Plant filing fee	
1004 790	2004 395	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)		(\$ 0)	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Large Entity

Small Entity

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	x	=
Multiple Dependent	-3** =	x	=

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 88	2201 44	Independent claims in excess of 3
1203 300	2203 150	Multiple dependent claim, if not paid
1204 88	2204 44	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 0)

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 26	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1261 110	2261 55	Extension for reply within first month	110
1252 430	2262 216	Extension for reply within second month	
1253 980	2253 490	Extension for reply within third month	
1254 1,530	2254 765	Extension for reply within fourth month	
1255 2,080	2255 1,040	Extension for reply within fifth month	
1401 340	2401 170	Notice of Appeal	
1402 340	2402 170	Filing a brief in support of an appeal	
1403 300	2403 150	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 65	Petition to revive - unavoidable	
1453 1,370	2453 685	Petition to revive - unintentional	
1501 1,370	2501 685	Utility issue fee (or reissue)	
1502 490	2502 245	Design issue fee	
1503 880	2503 330	Plant issue fee	
1480 130	1480 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 790	2809 395	Filing a submission after final rejection (37 CFR 1.128(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR 1.128(b))	
1801 790	2801 395	Request for Continued Examination (RCE)	
1802 800	1802 800	Request for expedited examination of a design application	
Other fee (specify)			
*Reduced by Basic Filing Fee Paid		SUBTOTAL (3)	(\$ 110.00)

(Complete if applicable)

Name (Print/Type)	William C. Schubert	Registration No. (Attorney/Agent)	30,102	Telephone 8055822108
Signature	William C. Schubert		Date 10/14/2004	

In duplicate

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PTO/SB/17 (10-04w2)

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Deposit Account Number	50-0616
Deposit Account Name	RAYTHEON COMPANY

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Charge fee(s) indicated below Credit any overpayments

Charge any additional fee(s) or any underpayment of fee(s)

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FEE CALCULATION (continued)

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1801 790	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify)			
*Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$ 110.00)	

SUBTOTAL (3) (\$ 110.00)

SUBMITTED BY		(Complete if applicable)	
Name (Print/Type)	William C. Schubert	Registration No. (Attorney/Agent)	30,102 Telephone 8055622108
Signature		Date	10/14/04

In duplicate

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PATENT
Attorney Docket No. 02W234

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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OCT 14 2004

In re Application of: : Date: October 14, 2004
O'NEILL, Mary :
 Application No. 10/615,133 : Group Art Unit: 3641
 Filed: 07/08/2003 :
 For: OBSCURATION METHOD FOR REDUCING THE : Examiner: CHAMBERS, Troy
 INFRARED SIGNATURE OF AN OBJECT : VIA FACSIMILE 703-872-9306

RESPONSE TO RESTRICTION REQUIREMENT

Commissioner for Patents
 United States Patent and Trademark Office
 P O BOX 1450
 Alexandria VA 22313-1450

Sir:

In response to the Office action dated August 17, 2004, in this case, Applicant responds as follows:

With respect to the lettered group a, Applicant elects Species E directed to an obscuring agent comprising carbon dioxide gas and water vapor.

With respect to the lettered group b, Applicant elects Species G directed to a hot region comprising a plume of hot gas following from an aircraft.

With respect to the lettered group c, Applicant elects Species I directed to an obscuring agent generated by the aircraft.

With respect to the lettered group d, Applicant's attorney has spoken with the Examiner on October 14, 2004, concerning whether it is in fact Species H or Species I that should trigger the Applicant to elect either Species J or Species K from lettered group d. Applicant believes that it is the selection of Species I which Applicant has elected which should trigger the election of Species J or Species K. Therefore, Applicant elects Species K from lettered group d.

The claims readable in the aforesaid election of Species C, G, I, and K are claims 1, 2, 4, 6, 8, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, and 22.

The restriction requirement is traversed on the grounds that claim 1 is generic to all of the species mentioned in lettered groups a through d, inclusive, as is claim 22.

SEARCHED

Application No. 10/615,133
Art Unit 3641
October 14, 2004

Page 2

Applicant requests reconsideration of the restriction requirement and examination of all the claims.

This response is submitted along with a petition and fee for a one-month extension of time for reply.

Respectfully submitted,

William C. Schubert, Registration No. 30,102
Telephone No. (805) 562-2108

Date: 2004-10-14

WCS:04rrr.pto:02W234

VIA FACSIMILE

Attachments: Transmittal Form

Extension of Time (In duplicate for deposit account)
FY 2005 Fee Transmittal Form (In duplicate for deposit account)

CERTIFICATE OF MAILING OR TRANSMISSION

FAX 703-872-9306

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William C. Schubert	(Depositor's name)
	(Signature)
<u>2004-10-14</u>	(Date)